ABSTRACT OF THE DISCLOSURE

In a normal operation state, a connection management section 21 writes data transmitted from a first processing section 13 to a data temporary storage section 22, and reads data to be received by the a second processing section 14 from the data temporary storage section 22. Upon receiving control signals 31 and 32 which instruct a change of the subject of processing, the first processing section 13 and the second processing section 14 output a transmitting-end clear request 41 and a receiving-end clear request 42, respectively. The connection management section 21 reads data from the empty data storage section 23 after a transmitting-end clear request 41 is received and until a receiving-end clear request 42 is received, and writes data to the empty data storage section 23 after a receiving-end clear request 42 is received and until a transmitting-end clear request 41 is received.

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